

19991117.qrp v01_n642.qrl.991117

Date: Wed, 17 Nov 1999 19:03:10 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1642

QRP-L Digest 1642

Topics covered in this issue include:

- 1) [56159] AA8PJ?
by Jeff Davis <jeff@n9avg.org>
- 2) [56160] PROP: Busy day on the sun
by "Paul Harden, NA5N" <na5n@rt66.com>
- 3) [56161] QRP hard drive recycling...
by Mighty Mik <mitymik@wenet.net>
- 4) [56162] Fox: well
by "Walt Amos" <waltamos@surfree.com>
- 5) [56163] WTB: Screwdriver Ant
by "Randy Moore" <wr.moore@worldnet.att.net>
- 6) [56164] Re: first rate whine
by Bob Hightower <ki7mn@extremezone.com>
- 7) [56165] Re: Tuna Tin Two, etc
by "Rod Cerkoney" <rcw@frii.com>
- 8) [56166] Re: first rate whine
by "Mike Yetsko" <myetsko@insydesw.com>
- 9) [56167] Re: Hi-Tek Nick-Nack
by "Dan W. Dooley" <dandooley@pipeline.com>
- 10) [56168] ELMER101 web page
by Dennisskea@aol.com
- 11) [56169] BOOK: NA5N Databook
by Joel Malman <malman@world.std.com>
- 12) [56170] F/S Ten Tec Argosy II
by K4NK@aol.com
- 13) [56171] Fox: KC0AYG/T fox
by k5zty@juno.com
- 14) [56172] Re: first rate whine
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 15) [56173] Aurora Tonite (0300Z)
by wb2vuo@juno.com
- 16) [56174] RE: NA5N book
by N10DL@aol.com
- 17) [56175] Re: BOOK: NA5N Databook
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 18) [56176] help: Argosy II
by James Skalski <jskalski@localnet.com>
- 19) [56177] Re: ANZAC MD-108 mixers?

- by Thomas Kuehl <ac7a@uswest.net>
- 20) [56178] Re: ANZAC MD-108 mixers?
by "Samuel A. Falvo II" <kc5tja@armored.net>
- 21) [56179] Attn: Mike J re:C-21
by W7LS <w7ls@blarg.net>
- 22) [56180] Re: Tuna Tin Two, etc
by Ac6qi@aol.com
- 23) [56181] Re: help: Argosy II
by Pete Burbank <plburbank@kih.net>
- 24) [56182] Re: UPDATE: Doug KI6DS
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 25) [56183] Re: NA5N book
by "Ron Polityka" <wb3aal@talon.net>
- 26) [56184] Re: first rate whine
by "Francis Callahan" <colcal@srv.net>
- 27) [56185] Cushcraft R6000 question
by "Tom Bowman" <tbowman@nbn.net>
- 28) [56186] Re: WTB: Screwdriver Ant
by Wayne Alexander <walexan@ipa.net>
- 29) [56187] Re: first rate whine
by K2UD@aol.com
- 30) [56188] Please note!
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 31) [56189] mystery IC
by Bigbob97@aol.com
- 32) [56190] Fox Hunt:Team Guidelines
by Bruce Ratray <rattray@gpfn.sk.ca>
- 33) [56191] CONTEST: WEEKEND QRP Special
by Ken Newman <N2CQ@citnet.com>
- 34) [56192] Who is REALLY whining?
by Michael Neverdosky <mneverdosky@earthlink.net>
- 35) [56193] Re: Fox Hunt:Team Guidelines
by Shepherd@aol.com
- 36) [56194] Re: first rate whine
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 37) [56195] Re: Who is REALLY whining?
by Bruce Kizerian <kizerian@ced.utah.edu>
- 38) [56196] CONTEST: This Weekend- LI/NJ QRP Doghouse Operation Sprint
by "Kevin Glynn" <9glynn@sverdrup.com>
- 39) [56197] FS: FLUKE DDM
by Brad Bradfield <b_bradfield@yahoo.com>
- 40) [56198] MAJOR flare 1000Z/17NOV
by "Paul Harden, NA5N" <na5n@rt66.com>
- 41) [56199] 10M open to Europe now
by Roger Hightower <n7kt@earthlink.net>
- 42) [56200] first rate whine
by ac5ez@webtv.net (K1zw)
- 43) [56201] Whihing

by Bruce Muscolino <w6toy@erols.com>
44) [56202] Re: Who is REALLY whining?
by Bob Hightower <ki7mn@extremezone.com>
45) [56203] Please end inappropriate discussion
by PDouglas12@aol.com
46) [56204] Re: first rate whine
by Sam_Stimson@Dell.com
47) [56205] Re: Who is REALLY whining?
by Michael Neverdosky <mneverdosky@earthlink.net>
48) [56206] 10 Meters open
by N10DL@aol.com
49) [56207] Re: Please end inappropriate discussion
by lujce@Lehigh.EDU
50) [56208] Favorite PLL Chips...
by Jim Cotton <cotton@wmich.edu>
51) [56209] Re: Favorite PLL Chips...
by Chris Trask <ctrask@primenet.com>
52) [56210] Building the 12M Tree Quad
by Jim Hale <kj5tf@yahoo.com>
53) [56211] AR QRP 40m Net Tonight
by Robsparks@aol.com
54) [56212] Re: Favorite PLL Chips...
by "Mike Yetsko" <myetsko@insydesw.com>
55) [56213] Solar update & Leonids
by "Paul Harden, NA5N" <na5n@rt66.com>
56) [56214] testing..
by "sergio" <sruiz@bright.net>
57) [56215] Re: Favorite PLL Chips...
by neil <neil@aade.com>
58) [56216] Re: help: Argosy II
by James Skalski <jskalski@localnet.com>
59) [56217] Series or parallel tank circuits
by tbowman@nbn.net
60) [56218] OT: Elecraft help wanted
by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
61) [56219] Looking for Tokyo H-P HT-750
by "Jim Lewis" <jtlewis55@hotmail.com>
62) [56220] Re: help: Argosy II
by igeq100@iupui.edu
63) [56221] i'm back!
by sergio <sruiz@bright.net>

Date: Tue, 16 Nov 1999 19:35:46 -0500
From: Jeff Davis <jeff@n9avg.org>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [56159] AA8PJ?

Message-ID: <19991116193546.H17450@n9avg.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anybody have an email address for Jeff, AA8PJ?

I worked him tonight ... he on his Tuna Tin 2 and me on my DSW-40. Would like to email him.

Thanks,

--

72 de Jeff, N9AVG

Date: Tue, 16 Nov 1999 17:46:13 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [56160] PROP: Busy day on the sun
Message-ID: <Pine.SUN.4.10.9911161724150.21595-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Well, the magnetically-complex (delta) regions of the sun pointed out yesterday produced the most solar activity today yet this solar cycle. While no grand daddy X-class flare occurred, 7 M-class flares occurred. This elevated the solar flux from right at 200 to 233 today alone. With 7 major flares, this means a lot of solar mass was flung into space, and some of it is bound to smack into the Earth in about 3 days. The shock wave of 2 flares was measured at 900 km/second, well above the sun's escape velocity of about 600 km/sec. That's a bunch of particles coming our way quite fast. I would expect late Thursday and Friday to be very rough days on HF with at least MINOR geomagnetic storming to occur, if not more severe.

There were 6 hours today with the K index at 4, or a minor geomagnetic storm. This was caused by a CME from a flare this past weekend. The effects of this are largely over, so conditions should be about normal tonight and until the shock wave of today's activity starts hitting us Thursday.

An interesting note, is how much of this exciting activity today was missed by the satellites that normally observe the solar activity, such as the LASCO and SOHO instruments. This is because they have been buttoned up, hatches closed, and instruments covered in preparation for the Leonid meteor belt we'll be passing through next two days. Bummer!

(I'll post something on that later, for those so interested).

Tomorrow, the sun should be about as active, as these active regions producing this activity have yet to show any significant decline. So tomorrow could bring another flurry of M-class flares, possibly a proton flare (more on that tomorrow), and still the chance of a major X-class flare. All this flare activity doesn't really effect us much while it is going on, but it will effect us some 50 hours later when the shock wave of these flares hits the earth. This is not meant to discourage anyone from getting on the air, but to demonstrate the physics of this solar activity, and be forewarned thursday and onward could see some major geomagnetic storming. Loosely translated, that means the higher bands will be good for QSO's during the day, but the lower bands at night will likely be awful.

For those interested in keeping an eye on the progress of the current active sun, look at: www.sel.noaa/today.html

This NOAA site has gobs of information. Scroll down their "Today's Space Weather" page a bit and you will come to several charts. One is the X-ray energy as detected by the 2 GOES satellites, and you can clearly see all the flare activity today. Beneath that is the K-index, measured every three hours. Yellow bars signify ACTIVE geomagnetic conditions, while RED (K>5) is major to severe storming.

Another nice site is www.dx1c.com

This has nice charts showing the past 3 months of solar flux, sunspot numbers and the A-index. On another page is the 3 month plot of the solar wind speed (velocity) and density. These are updated daily, and often the text of current conditions are updated more frequently when things are happening.

Enjoy the show!

72, Paul NA5N

Date: Tue, 16 Nov 1999 16:53:16 -0800
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [56161] QRP hard drive recycling...
Message-ID: <3831FC65.7A50A17B@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have an older HD control board that has 78M08 voltage regulator, a coupla 4558s and a MC1350.

also some 2N4401s, and a bunch of small caps.

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Tue, 16 Nov 1999 20:43:20 -0000
From: "Walt Amos" <waltamos@surfree.com>
To: "Qrp-l Posts" <qrp-l@lehigh.edu>
Subject: [56162] Fox: well
Message-ID: <000401bf309a\$f5cccdc0\$a9891b26@waltk8cv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't think the hunt was so great grump grump, can you
tell I didn't work him!

Walt K8CV Royal Oak, Michigan QRP-L # 935 ZOMBIE # 188

Date: Tue, 16 Nov 1999 20:02:16 -0600
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56163] WTB: Screwdriver Ant
Message-ID: <NBBBJGGJJNGBGADODHMFDMPLDKAA.wr.moore@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for one of the screwdriver antennas bought in the group buy last
year. Actually, looking for one at a price less than the \$115 that was the
group buy price. Anybody got one?

72,
Randy, KS4L

K2 #337

Date: Tue, 16 Nov 1999 19:00:34 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: k6ls@AMSAT.ORG
Cc: qrp-1@lehigh.edu
Subject: [56164] Re: first rate whine
Message-ID: <199911170201.TAA07824@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:47 PM 11/16/99 -0700, you wrote:

>
> check out the whiner on page 24 of the dec QST.
>
> Titled: "CW Frustration"
>
> First off, he's got a BAD attitude.
>
> Second, to spend "several hundred" hours to get to the 5 wpm
> level... must be doing something wrong!

Yeah, and to top it off, after spending several hundred more hours to get past the 13 WPM test, he wants to abolish the code requirement. Guess he can't even think of going for 20 :^)

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 16 Nov 1999 19:17:44 -0700
From: "Rod Cerkoney" <rlwc@frii.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <Ac6qi@aol.com>
Subject: [56165] Re: Tuna Tin Two, etc
Message-ID: <001d01bf30a1\$f1bc9880\$ba8711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce Thanks for the tip.

While reviewing the page it occurred to me that I should recommend to Jeff that he check out the SW+ from Small Wonder Labs.

Jeff: You can get the board kit only and put the SW+ in your own HB enclosure. The board kit sells for \$55. A very worthy QRP XCVR at a very affordable price. PLUS--there is a nice "Elmer" series you can work through to help you understand the radio even more.

Some one on this list has a web page with the Elmer series. You can also purchase a printed version from Paul Harden, a list regular. Sorry I don't have additional info about the Elmer series stuff. Perhaps another list member can help out.

72/3 Rod, NØRC -- Fort Collins, CO

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, November 16, 1999 8:10 AM

Subject: Re: Tuna Tin Two, etc

> Rod, and gang,

>

> I want to let you know that a QRP kit matrix has been posted as part of

> my monthly column on the ARRL members only web page. It includes

> complete comparative data on currently offered kits (well, most of

> them). It will be updated as the need requires it.

>

> 73

>

Date: Tue, 16 Nov 1999 21:39:34 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [56166] Re: first rate whine

Message-ID: <006e01bf30a5\$177f0280\$5855fea9@dads-hp>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: [DELETED]

Date: Tuesday, November 16, 1999 9:06 PM

Subject: Re: first rate whine

>At 05:47 PM 11/16/99 -0700, you wrote:

>>

>> check out the whiner on page 24 of the dec QST.

>>

>> Titled: "CW Frustration"

>>

>> First off, he's got a BAD attitude.

>>

>> Second, to spend "several hundred" hours to get to the 5 wpm

>> level... must be doing something wrong!

>

>

>Yeah, and to top it off, after spending several hundred more hours to get
past

>the 13 WPM test, he wants to abolish the code requirement. Guess he can't
even

>think of going for 20 :^)

>

>[]AUTHOR DELETED]

You know, this post wasn't too bad, but unfortunately it sets the
'attitude'. The first post, with all IDs erased...

I'm sorry, but it's not the pro/anti CW debate. It's baby attitudes
like this original immature posting, and the 'me too' follow on,
that are the most destructive element HAM radio has to deal
with.

I'm sorry....

Not for this post. But for having to make excuses to outsiders
when you invite them in, you browse a group like QRP-L,
and they see this \$#|+

Hope you're proud for the wonderful example of friendly helpful
HAMS.

Mike Yetsko
N1DVJ

Date: Tue, 16 Nov 1999 20:46:31 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56167] Re: Hi-Tek Nick-Nack
Message-ID: <004e01bf30a6\$bf6f25a0\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I did that too. Seagate ST238 (big drive - small capacity). Shiny platters exposed and the whole thing hanging on the wall. Looks cool there.

Dan W. Dooley WB5TKA Y2K Complacent
 e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

-----Original Message-----
From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, November 16, 1999 2:01 PM
Subject: Hi-Tek Nick-Nack

Oh, what to do with a dead hard drive? Hate to just toss it. So, took the cover off to expose the platters and nailed it to a wall :-)
Looks kinda neat up there...now, should I hang a 286 mother board next to it?

72, Steve KD1JV
"melt solder"

Date: Tue, 16 Nov 1999 21:55:57 EST
From: Dennisskea@aol.com
To: qrp-1@lehigh.edu
Subject: [56168] ELMER101 web page
Message-ID: <0.aeb6e1e2.2563733d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

FYI,
 <http://www.qsl.net/kf4trd>
72 Dennis kc2ccz

Date: Tue, 16 Nov 1999 22:01:42 -0500 (EST)
From: Joel Malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [56169] BOOK: NA5N Databook
Message-ID: <199911170301.WAA12011@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

OK A shameless plug, but I have just used Paul's book for the up-teenth (word?) time. If you are a QRP'er and build stuff, and I suspect most of us are, you have to get Paul's book:

 "Data Book for Homebrewers and QRPers" by Paul Harden NA5N.

You have no idea of how many times it has help/saved me while working on a project.

I believe you can order from some of the web based book retailers, or probably from Quicksilver Press (at maybe a discount). Ham retailers like HRO don't carry it, and I don't think the ARRL does either (Paul - that has got to get fixed).

BTW: If you have the book, do you know why the BAR-CODE on the back of the book says: "Left-over resistor leads". [Paul - the half eaten banana is gross].

Anyway, it's probably the best \$20 I even spent on ham radio stuff.

End shameless plug.

72 and happy fox hunting.

--

/joe1 K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Tue, 16 Nov 1999 22:07:26 EST
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [56170] F/S Ten Tec Argosy II
Message-ID: <0.f1ecc8d8.256375ee@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a very nice Argosy II for sale . No 500hz. filter but extra clean. For
info please e-mail wsalge@mindspring.com Bill K4NNP.....\$425

Date: Tue, 16 Nov 1999 21:10:08 -0600
From: k5zty@juno.com
To: qrp-l@lehigh.edu
Subject: [56171] Fox: KC0AYG/T fox
Message-ID: <19991116.213954.-13621.8.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I worked Matt again this evening(Tuesday). He had a good signal into
Houston and was doing a great job of sending and receiving. We had a
minute of ragchew but I didn't want
to get into his Q rate too badly. He's working at it hard people, get
on and give him a Q.

Bill, K5ZTY
Houston, TX

Date: Wed, 17 Nov 1999 03:46:45 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <ki7mn@extremezone.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [56172] Re: first rate whine
Message-ID: <00e701bf30ae\$5f489be0\$c642b3c7@sorrells>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah, and if his wife was stupid enuf to buy him a Sierra for Christmas, she could end up in the hospital!

Reading that guys letter, like Bob, I couldn't figure out why he would spend all that time learning Morse, that he admitted he despised, and not have slit his wrists! I couldn't understand why he wanted to be a ham for any reason. Gess some people are just masochists! Lets face it, as much as we love ham radio, it really isn't for everybody. Mebbe he is a frustrated Beanie Baby collector forced into a masculine hobby by his insensitive, abusive father =8>]
de Steve, W8SFF

Date: Tue, 16 Nov 1999 22:45:10 -0500
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [56173] Aurora Tonite (0300Z)
Message-ID: <19991116.224523.-143529.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Returning from a shopping trip tonite, my wife Anne (WB1GVL) and I saw an aurora display out over Lake Ontario, in fact it extended from 300-degrees to 130-degrees True, quite a bit of the sky.

The main display was in vertical columns, running from the horizon to about 25 degrees of altitude. No discernable color to me, but Anne says that they were greenish, fading to grey.

Not a good sign for HF propagation, but quite a site regardless.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 16 Nov 1999 23:18:47 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [56174] RE: NA5N book
Message-ID: <0.3c15b99d.256386a7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Perfect timing...I just ordered one after reading the first issue of the QRP Homebrewer mentioned on page 48. I also am ordering the Marker generator kit mentioned on page 3. This NJQRP publication is hot stuff. they will find a place on top of my ref. books.

Aron
N10DL
Bedford, NH

Date: Tue, 16 Nov 1999 22:18:56 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [56175] Re: BOOK: NA5N Databook
Message-ID: <199911170319.WAA18091@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I have the NA5N databook available and in stock -

\$20 including shipping.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 16 Nov 1999 23:39:19 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [56176] help: Argosy II
Message-ID: <Pine.LNX.4.20.9911162328220.252-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I started to trouble shoot my Argosy II.
Symptoms ...abrupt loss of receive. Transmits fine but no receive.

My first thought was that the audio chip was bad as there was no audio. But when I put the unit in tune mode the sidetone worked.

I checked the control board and found all the transistor voltages were stuck on the "transmit" values.

Next I unplugged the TR line from the control board...the units now receives fine.

What is the most likely culprit? The mode switch or the transistor switch or diodes located on the mode switch board?

My guess is the transistor. It is a MPS 6514 (which I don't think I have)
Would a 2n3904 suffice or maybe a 2n2222?

Anybody been there/done that?

73,

Jim n2go

Date: Tue, 16 Nov 1999 21:46:21 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: kc5tja@armored.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56177] Re: ANZAC MD-108 mixers?
Message-ID: <3832331D.383B4A03@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Samuel:

I had to dig for this one. The ANZAC MD-108 mixer is interchangeable with the Minicircuits SBL-1. Both mixers are intended for +7 dBm LO drive, and a maximum RF input of around +1 dBm. The RF input frequency range is 1 to 500 MHz.

Here is a rather poor ASCII illustration of the pin numbering of each mixer (bottom views):

1	2	3	4	1	3	5	7
+	+	+	+	o	+	+	+
+	o	+	+	+	+	+	+
5	6	7	8	2	4	6	8

MD-108

SBL-1

"+" pins, usually green, "o" reference pin, usually blue

Although there is a good deal of connection latitude with a DBM type mixer, here is one common connection for the SBL-1, and the equivalent MD-108 connection:

	MD-108	SBL-1
LO	pin 1	pin 8
RF	pin 8	pin 1
IF	pins 3, 7*	pins 3, 4*
GND	pins 2, 4, 5, 6	pins 2, 5, 6, 7

* externally connected together

What this boils down to is the MD-108 can be used in most SBL-1 circuits by rotating the MD-108's case 180 degrees from the SBL-1's orientation! I have used both devices, orientation observed, in mixer and product detector applications with equal performance.

Best regards, Thomas - AC7A (Tucson)

PS - For more information on DBM interchange and orientation see "Ham Radio Magazine," Sept. 1977

Samuel A. Falvo II wrote:

> Are these devices pin compatible with SBL-1s? Anyone know where I can
> find an online datasheet for them?
>
> Thanks.

Date: Tue, 16 Nov 1999 21:55:13 -0800 (PST)
From: "Samuel A. Falvo II" <kc5tja@armored.net>
To: Thomas Kuehl <ac7a@uswest.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56178] Re: ANZAC MD-108 mixers?
Message-ID: <Pine.LNX.3.96.991116215325.28730B-100000@garnet.armored.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 16 Nov 1999, Thomas Kuehl wrote:

> Hello Samuel:
>
> I had to dig for this one. The ANZAC MD-108 mixer is interchangeable with
> the Minicircuits SBL-1. Both mixers are intended for +7 dBm LO drive, and
> a maximum RF input of around +1 dBm. The RF input frequency range is 1 to
> 500 MHz.

Many thanks for this information! :) This is precisely what I was looking for. I'm glad to see that the two parts are "pin compatible", though their pin numberings both leave a lot to be desired (I've always wondered why they didn't follow standard IC pin-out conventions).

> PS - For more information on DBM interchange and orientation see "Ham
> Radio Magazine," Sept. 1977

Reposted to ensure I have a copy of it (in my outbox) for future reference.

Once again, thanks! :)

--

KC5TJA/6, DM13, QRP-L #1447
Samuel A. Falvo II
Oceanside, CA

Date: Tue, 16 Nov 1999 22:58:59 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [56179] Attn: Mike J re:C-21
Message-ID: <38325233.5B5B@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Mike. Lost my hard drive, so could you please e-mail me. Need some info. Thanks. Jim W7LS

Date: Wed, 17 Nov 1999 01:06:50 EST
From: Ac6qi@aol.com
To: qrp-1@lehigh.edu
Subject: [56180] Re: Tuna Tin Two, etc
Message-ID: <0.628f840b.25639ffa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I got a ton of really nice replies to my question. At first I was going to try to respond to each one, but I got so many that I think I'll just reply to the list.

Thank you very much for all the inputs. I did try a little CW a few years back when I first got licensed and upgraded. I used a fancy Yaesu radio and a good antenna and it wasn't all that easy. So I understand about your cautions regarding starting out with a modern, capable transceiver and then maybe trying a Tuna Tin for fun later.

Seems like wise advice to me.

I've been looking into the kits and it seems like there are some good choices for \$80 to \$150. I'll likely go that route as soon as I can make a selection. I've learned there's a local chapter of FISTS here in Vista and some local club guys into QRP, so I'll do some more investigating locally.

I like the idea of ham radio and messing with antennas and wires and stuff, but I get bored talking on a microphone after a while. I think CW will make it more fun.

I've been listening to some computer Morse training and I can just handle 15WPM, random characters. Hard to believe I ever passed the 20WPM test for extra. It was multiple choice, though..... :-)

I have a Bencher key and an MFJ random wire tuner and a G5RV of some variant. Also an MFJ antenna analyzer. Pretty much only lack the transceiver, eh?

Thanks again. You sound like a good bunch of guys. I'll be back.

-Jeff Lastofka AC6QI

Date: Wed, 17 Nov 1999 01:16:47 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>

Subject: [56181] Re: help: Argosy II
Message-ID: <3.0.32.19991117011643.0077d644@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:39 PM 11/16/99 -0500, you wrote:

>I started to trouble shoot my Argosy II.
>Symptoms ...abrupt loss of receive. Transmits fine but no receive.
>
>My first thought was that the audio chip was bad as there was no
>audio. But when I put the unit in tune mode the sidetone worked.
>
>I checked the control board and found all the transistor voltages were
>stuck on the "transmit" values.
>
>Next I unplugged the TR line from the control board...the units now
>receives fine.
>
>What is the most likely culprit? The mode switch or the transistor switch
>or diodes located on the mode switch board?
>
>My guess is the transistor. It is a MPS 6514 (which I don't think I have)
>Would a 2n3904 suffice or maybe a 2n2222?
>
>Anybody been there/done that?

>
> 73,

>
> Jim n2go

Jim, I have an Argosy I and my main problem is keeping those
little interboard connectors and front panel switches clean.
A contact cleaner is the usual solution but always test the
stuff around plastic.

I guess you already knew that.

73 Pete NV4V

Date: Wed, 17 Nov 1999 14:56:06 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: na5n@rt66.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56182] Re: UPDATE: Doug KI6DS
Message-ID: <19991117065606.LCPB20922@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Paul & Gang,

>For those wishing to send a card
>or get-well wishes, Joanne requests you send them to the house, not the
>hospital. Doug's home address is:

>
> Doug Hendricks, KI6DS
> 862 Frank Avenue
> Dos Palos, CA 93620

>Joanne will hand deliver them to Doug until they get to bring him home.

>
>72, Paul NA5N

Tks fer the update and the mailing address of Doug, KI6DS.
I sure, all here on the QRP-L wishes him well and a speedy recovery, and are
eagerly waiting for his return to list.
He has been a valuable contributor to this list. Will send a card via the
address u gave and regards to all...

Vy 72 de Sylvester (Sly) Liew, 9M8SL
>From 'The Hidden Paradise of Borneo', East Malaysia.

Date: Mon, 11 Oct 1999 05:00:41 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56183] Re: NA5N book
Message-ID: <006701bf13c7\$18e76220\$0ee508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

Well I wrote the article in the NJQRP's QRP Homebrewer.
I talked to Paul and I will be placing another blurb in the next
issue. But this is what Paul sent to me to place in the next issue.

The Data Books are still available from:
Quicksilver Printing

P.O. Box 757
Socorro, New Mexico 87801

I sign all outgoing books. The cost is \$20, which includes
postage to US/VE.

I have one and the autograph makes it complete!!!

Have a Great Thanksgiving!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Wed, 17 Nov 1999 05:10:47 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <ki7mn@extremezone.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [56184] Re: first rate whine
Message-ID: <199911171221.FAA05086@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The guy must be about 6 cards short of a full deck 72 Cal KF7ET

> From: Bob Hightower <ki7mn@extremezone.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: first rate whine
> Date: Tuesday, November 16, 1999 7:00 PM
>
> At 05:47 PM 11/16/99 -0700, you wrote:
> >
> > check out the whiner on page 24 of the dec QST.
> >
> > Titled: "CW Frustration"
> >
> > First off, he's got a BAD attitude.
> >
> > Second, to spend "several hundred" hours to get to the 5 wpm
> > level... must be doing something wrong!
>
>
> Yeah, and to top it off, after spending several hundred more hours to get
past
> the 13 WPM test, he wants to abolish the code requirement. Guess he can't
even
> think of going for 20 :^)
>
> Bob Hightower KI7MN
>
>
> <http://www.extremezone.com/~ki7mn>

Date: Wed, 17 Nov 1999 07:31:15 -0500
From: "Tom Bowman" <tbowman@nbn.net>
To: <qrp-1@lehigh.edu>
Subject: [56185] Cushcraft R6000 question
Message-ID: <014f01bf30f7\$a4c20fa0\$33468bd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just bought an R6000, 20m thru 6 m vertical.
There is no information I can find about whether the
beast works better at ground level or elevated as high as possible.

The only thing the Cushcraft folks say in the instructions
is to keep it in the clear of other wires, etc, and don't add radials.

Can anyone add to this....

TIA,

Tom, WA3REY

Tom Bowman, WA3REY, QRP-L 125
Mount Gretna, PA 17064

Date: Wed, 17 Nov 1999 06:44:53 -0600
From: Wayne Alexander <walexan@ipa.net>
To: wr.moore@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [56186] Re: WTB: Screwdriver Ant
Message-ID: <4.2.0.58.19991117064309.00951910@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I think Chris and I can not think of his last name.
He got that group buy going last time.
Wish I had gotten one then.
I would also like to have a Screwdriver ANT.
Good Luck.

At 08:02 PM 11/16/1999 -0600, Randy Moore wrote:

>I'm looking for one of the screwdriver antennas bought in the group buy last
>year. Actually, looking for one at a price less than the \$115 that was the
>group buy price. Anybody got one?

>

>72,

>Randy, KS4L

>K2 #337

73,

N0EA

Wayne

Willard, MO

FISTS # 4907

QRP-L # 1058

Date: Wed, 17 Nov 1999 07:59:15 EST
From: K2UD@aol.com
To: ki7mn@extremezone.com
Cc: qrp-l@lehigh.edu
Subject: [56187] Re: first rate whine
Message-ID: <0.ea657a8f.256400a3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

That guy should stick to CB or cellular, or wherever else he will find those of his ilk. I am surprised QST even printed it, wait till the rebuttals come in!

72

Howard Kraus, K2UD
CW or die

Date: Wed, 17 Nov 1999 13:15:56 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>, "GQRP-L" <gqrp@onelist.com>
Subject: [56188] Please note!
Message-ID: <003001bf30fd\$e4b6af20\$49a632d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My url has been changed due to a change of server. The new address is

www.g3ycc.karoo.net

Email details remain the same. Please amend your bookmarks and pass this on to anyone who may wish to know. The old details will carry on working for some weeks.

Frank G3YCC G QRP 042
QRP web page <http://www.g3ycc.karoo.net>

Date: Wed, 17 Nov 1999 08:28:00 EST
From: Bigbob97@aol.com
To: qrp-1@lehigh.edu
Subject: [56189] mystery IC
Message-ID: <0.5aa76718.25640760@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi friends,

I could use some help with a mic amp IC. It a 10 pin can like a T05 made by Amperex TAA970. The schematic is drawn as a long triangle sort of like an op amp but I can't really tell. Works with +5 to 12V. on the same pin as the audio output which is taken through a .22 mfd cap.

The problem is that the gain is too high and I would like to reduce it. Also, it takes 15 ma regardless of the drive and I would like to reduce that too ! Before I go playing around I wondered if anyone had any ideas. My first guess is to vary the "input" resistor on the +5 volts. maybe increase it from 270 to 1K. However, the IC seems to stop working below 4 volts. I wonder if that resistor will reduce current without affecting voltage much. No such thing?

There seems to be a feedback cap (.22) from pin 6 to 9 and 10. Perhaps I could reduce that to .1 - If anyone is interested I could draw the schematic.

I do appreciate whatever help I get on this. Thanks.

73,
Bob WB2DHK in Jersey City, NJ

Date: Wed, 17 Nov 1999 07:39:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [56190] Fox Hunt:Team Guidelines
Message-ID: <Pine.LNX.3.95.991116085918.9751B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone!....Bruce, N7RR, has the unusual and super opportunity to operate from W1MX (M.I.T.) for 2 of the fox hunts in November...he is not allowed to use his own call, portable, according to the W1MX station rules...so he's wondering if he contacts the fox, at qrp levels of course

if his contact will count for the fox hunt Team he is on....so I ran this scenario by a couple of fine people and (drum roll) we have a decision folks!....now I know I can't please all the people all the time but a decision had to be made and so it has been done....in the spirit of the Team Guidelines and everyone having FUN, when Bruce, N7RR, operates from the famous W1MX (MIT) station it will count for his Team if he contacts the foxii....and yes, if anyone else has a similar opportunity to operate from a "famous" amateur radio station, the same will hold for them as well....let me know please as Bruce has done...if this thing gets "out of hand" we can always reverse the decision...and Bruce, you will of course, post a story telling us all of your experience operating W1MX.... heh,heh... gotcha?....I wonder if Bruce will stay on the air after the hunt to contact other QRP stations?...(further gotcha?).....HAR!have fun everyone!.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Wed, 17 Nov 1999 09:00:16 -0500
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu
Subject: [56191] CONTEST: WEEKEND QRP Special
Message-ID: <3.0.6.32.19991117090016.0097e100@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
LI/NJ QRP Doghouse Operation Sprint \*\*\* QRP Contest \*\*\*

Nov 20 - 1700z to 2100z

Rules: [http://www.njqrp.org/doghouse/doghouse\\_announce.html](http://www.njqrp.org/doghouse/doghouse_announce.html)  
or below  
~~~~~

Doghouse Operation Sprint

Saturday Nov 20, 1700-2100 UTC

Announcing the third running of the LI/NJ QRP Doghouse Operation Sprint, jointly sponsored by the Long Island QRP & New Jersey QRP clubs. Here's a sprint that you can work and still manage to stay out of the doghouse on the Saturday afternoon prior to Thanksgiving. You can play radio, and have plenty of time to mow the lawn, clean the guest room, or do whatever it takes to get the house ready for Thanksgiving.

Date and Time:

Saturday, November 20, 1998 1700-2100 UTC

Purpose:

The contest is a single-op QRP CW sprint. Try to operate as many ops in as many area codes as possible. Stations may be worked more than once on different bands.

Frequencies:

QRP frequencies from 80M through 10M (no WARC bands): 1.810, 3.560, 7.040, 14.060, 21.060, 28.060

Exchange:

RST, area code and first name

Scoring:

2 points per QSO

Power Multipliers:

Less than 1 watt x 10

1 to 5 watts x 7

Bonus points:

Portable field location, battery/solar operation with temporary antennas outside of home QTH = 100 points.

Battery operation from home location = 100 points.

Total points:

(QSO points x power multiplier) + bonus points

Certificates:

Certificates will be awarded for the highest overall total score and most unique area codes worked from each call sign area in the US, Canada and DX country. Area Codes can be counted once per band.

Logs:

Submit logs within one month after the spring to Kevin N2T0. Submit e-mail messages with attached text files to kfglynn@prodigy.net or snail mail to:

Kevin F. Glynn
429-73rd Street

Brooklyn, NY 11209

Please include an SASE if you'd like to receive contest results. Results will be posted to QRP-L, LIQRP and NJ-QRP by year's end. Late entries will count as check logs.

Good luck!

... and remember, radio and holiday/family do mix!

The Amateur is Balanced ... Radio is our hobby. We never allow it to interfere with any of the duties we owe to our home, job or community. We can do both here! Join us for the second LI/NJ QRP Doghouse Operation Sprint.

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~

<http://www.njqrp.org/data/contesting.html>

~~~WQ2RP NJQRP Club Station~~~

Date: Wed, 17 Nov 1999 09:59:58 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [56192] Who is REALLY whining?
Message-ID: <38327C9E.8FFB2446@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a sorry bunch.

I think you have missed the point.

The guy had LOTS of trouble learning the code.

So did I, it took me many years to get a Ham license.

Some people get to the 5wpm level in an hour others take years. It took me over 11 years to get there. I don't know when I will be able to pass the 20wpm need for extra.

The point is he did persist and get his ticket.

So what does he get? A warm welcome? A Hearty "Well done!"

NO! He gets, "You should stay on CB" etc etc etc.

I suppose that none of you have ever had trouble learning

something new or doing something different.

Great, that is still no reason to slam those who do have trouble and are honest enough to admit it.

As a very famous man once said, "Let he who is without sin cast the first stone."

It is no wonder that we are continuing to have problems getting people to use and enjoy CW.

michael N6CHV (in central Florida)

Date: Wed, 17 Nov 1999 10:00:07 EST
From: Shepherd@aol.com
To: qrp-l@lehigh.edu
Subject: [56193] Re: Fox Hunt:Team Guidelines
Message-ID: <0.832e539c.25641cf7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I think it's a fine idea.
Please let us know how you do.

73
Dan, N8IE
FPqrp#--6, QRP1#1404,
FISTS #4985
<http://members.aol.com/shepherd/n8ie.htm>

Date: Wed, 17 Nov 1999 10:07:40 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [56194] Re: first rate whine
Message-ID: <v03102800b45865f1b398@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The writer of the "CW Frustration" letter, Michael KB1DQR, in the November 1999 QST sums it up pretty well himself, his bad attitude. Without the proper attitude, any undertaking in life is made more difficult if not impossible.

Michael never mentioned in his letter whether he ever made a CW QSO or not

once he had his Tech Plus. There is plenty of slow speed CW on the 40 meter N/T+ band and a great group of operators there. I wonder if Michael ever got on the air. As we all know, listening to code tapes is no substitute for getting on the air and making QSOs.

I can listen to others play classical music for the rest of my life, but I'll never learn to play the violin if I don't take up the bow myself.

Michael says "Get rid of the CW requirement" to get more people interested in amateur radio. The CW requirement has been eliminated in order to get a license and there is still no significant growth after the initial spurt several years ago. Eliminating CW is not the answer. This is the argument of those who want HF privileges without the work involved in upgrading, not the argument of those who are truly interested in the growth of amateur radio. It is a much more complex problem than a 5 WPM CW requirement.

72,

Rick kf4ar

Date: Wed, 17 Nov 1999 08:26:12 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: mneverdosky@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56195] Re: Who is REALLY whining?
Message-ID: <3832C914.835780CB@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I suppose that none of you have ever had trouble learning
> something new or doing something different.
> Great, that is still no reason to slam those who do have trouble
> and are honest enough to admit it.
>
> As a very famous man once said, "Let he who is without sin cast the
> first stone."
>
> It is no wonder that we are continuing to have problems getting
> people to use and enjoy CW.

Amen! Michael

Bruce kk7zz

Date: Wed, 17 Nov 1999 09:29:35 -0600
From: "Kevin Glynn" <9glynn@sverdrup.com>
To: <qrp-1@lehigh.edu>
Subject: [56196] CONTEST: This Weekend- LI/NJ QRP Doghouse Operation Sprint
Message-ID: <s832759a.091@smtpmime.sverdrup.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Announcing the third running of the LI/NJ QRP Doghouse Operation Sprint, =
jointly sponsored by the Long Island QRP & New Jersey QRP clubs. Here's a =
sprint that you can work and still manage to stay out of the doghouse on =
the Saturday afternoon prior to Thanksgiving. You can play radio, and have =
plenty of time to mow the lawn, clean the guest room, or do whatever it =
takes to get the house ready for Thanksgiving.

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Scoring:

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Power Multipliers:

Less than 1 watt x 10

1 to 5 watts x 7

Bonus points:

Portable field location, battery/solar operation with temporary=20
antennas outside of home QTH =3D 100 points.

Battery operation from home location =3D 100 points.

Total points:
(QSO points x power multiplier) + bonus points

Certificates:
Certificates will be awarded for the highest overall total score and most =
unique area codes worked from each call sign area in the US, Canada and DX =
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Logs:
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Kevin F. Glynn
429-73rd Street
Brooklyn, NY 11209

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Good luck!

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interfere with any of the duties we owe to our home, job or community. We =
can do both here! Join us for the second LI/NJ QRP Doghouse Operation =
Sprint.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 17 Nov 1999 07:39:49 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [56197] FS: FLUKE DDM
Message-ID: <19991117153949.11935.rocketmail@web215.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning y'all - -

This isn't a QRP item, but QRP'ers are always looking
for test equipment to equip their shack.

FOR SALE: Fluke Model 8024B digital multi-meter.
This DMM is in excellent condition, and was cal'ed
(traceable to NIST) one year ago. It includes the
original Fluke instruction manual, the zip up carrying
case, and one set of probes, which may or may not be
made by Fluke.

\$85.00 including US Mail Priority shipping inside the
US. Outside the US \$80.00 plus the actual cost of
shipping. First e-mail takes it.

72's es 73's,

Brad, W5CGH

=====

| | |
|--------------------|--------------------------------|
| Brad Bradfield, PE | Former Senior Systems Engineer |
| W5CGH (ex WB0CGH) | for Raytheon Systems Company |

Real men talk with their fingers!!

| | | | |
|---------|------------|--------------------|-------------|
| NORTEX | QRP-L #377 | QRP-ARCI #10012 | SMIRK #4906 |
| ARS #72 | NORCAL | Austin QRP Club #i | |

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 17 Nov 1999 08:53:43 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [56198] MAJOR flare 1000Z/17NOV
Message-ID: <Pine.SUN.4.10.9911170851160.24569-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There was a major flare (M7 class) at about 1000UTC this morning.
I'll post details later (like 5pm MST) when I get off of work.

The correct URL for "Today's Space Weather" is:

www.sec.noaa.gov/today.html

72, Paul NA5N

Date: Wed, 17 Nov 1999 09:16:20 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: ELECRAFT <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [56199] 10M open to Europe now
Message-ID: <38327264.FAF0E2F4@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

10M is wide open to Europe now (1614Z). Trying to bust some pileups.
Still have to get that first DX QSO with the K2.

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Wed, 17 Nov 1999 10:16:36 -0600 (CST)
From: ac5ez@webtv.net (K1zw)
To: qrp-l@lehigh.EDU
Subject: [56200] first rate whine
Message-ID: <2878-3832D4E4-226@storefull-113.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Why would any person get involved in a hobby that makes life miserable
for him , makes participating pure drudgery and creates a bad attitude
also ?
Its too bad he was bored with his no-code ticket. At least there he was
sheltered from the horrors of morse code.

Date: Wed, 17 Nov 1999 11:53:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: qrp-l@lehigh.edu

Subject: [56201] Whihing
Message-ID: <3832DD99.3A2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, let's face facts here. Everyone who has learned the code has either done it in a class or by himself. I learned it by my self. I had no other hams around in my home town who were aware of me or interested in my getting a license. I was 14 years old. It took until I was almost 16 to learn enough and be confident enough to take a test! I passed. That in itself was a miracle. I can identify with the poor guy.

Learning anything is really dependent on learning how you learn. Think about it, it is not so dumb a statement. I discovered how I learned best and also found a method to learn the code that fit me personally. Without the help of some long forgotten Elmer's writing I would still be listening to Shortwave and wishing.

Perhaps teh guy's problem is he has never stepped away from the code long enough to recognize this problem. The code depends on learning teh basics and then increasing speed. I am familiar witht the approached where it is learned at 20 or 25 wpm. They work, but so does the old way, of learning it at 5 wpm and building speed. I did it that way and easily copy 30 - 35 wpm in contests.

What we should do is offer the guy a hand. Relax him and help him to start over. BTW, when I got my license I only wanted to be one of those guys on 40 phone who I listened to everyday. I ended up a cw opeator because of equipment choice and frustration!

73

Date: Wed, 17 Nov 1999 10:32:24 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: mneverdosky@earthlink.net
Cc: qrp-1@lehigh.edu
Subject: [56202] Re: Who is REALLY whining?
Message-ID: <199911171733.KAA26662@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:59 AM 11/17/99 +0000, you wrote:
>What a sorry bunch.
>I think you have missed the point.

No, the point is that many, many people have trouble learning CW well enough to pass the tests, and those that do are to be commended. This difficulty, though, is not enough to call for a complete halt to, or a reduction of, the requirement to know the code for advancement.

Anyone who can pass the tests, whether at the 5 WPM level or the 20 WPM level, is to be congratulated...but to react as the writer did is ridiculous. Otherwise, we could all be surgeons without passing any of the boards.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Wed, 17 Nov 1999 13:01:07 EST
From: PDouglas12@aol.com
To: qrp-1@lehigh.edu
Subject: [56203] Please end inappropriate discussion
Message-ID: <0.1cc4e758.25644763@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gents,

This is in regard to the discussion which uses the word "Whining" in its subject line. I have purposely left it off the subject line above, as the word is inherently offensive, in my opinion.

Please, while the educational part of learning CW may be of interest to some, the rest of this discussion belongs elsewhere, if not in the delete bin altogether. I don't usually speak up on these, but with Chuck absent, I have to ask you guys to cut it out. And the lack of mutual respect in the messages is plain wrong. If Chuck were here, I bet he'd be emailing you guys and warning you to cut it out. Please, don't add to the chain. Please find something else to do.

72,

Preston Douglas WJ2V
Long Island

Date: Wed, 17 Nov 1999 11:26:14 -0600
From: Sam_Stimson@Dell.com
To: qrp-1@Lehigh.EDU

Subject: [56204] Re: first rate whine
Message-ID: <5F97C32016F1D1119B1700A0C98422E702D75F8C@ausxmbrh05.us.dell.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I started as a Tech+. Not because I loved CW, but because I wanted to be able to talk on 10M.
As time went by, I started to fool around with CW on 10 and 15 and actually started to enjoy it.
What really got me hooked was the QRP crowd. All of those neat radios that you can take camping but only work CW. The deeper you get, the more fun CW really is. I have also found that most operators will slow down to what ever speed you find comfortable.

One other thing, When I decided to upgrade, it only took 30 days to go from 5wpm to 20wpm.
It just like quitting smoking. You will never do it until you really want to.

I enjoy CW and always will. I guess the reason is that you do not hear a bunch of whining in code about the CW requirements. Just about everyone I have met gets along.

Sam
N5WU

Date: Wed, 17 Nov 1999 13:07:55 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [56205] Re: Who is REALLY whining?
Message-ID: <3832A8AB.CA45D1E5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Hightower wrote:

> No, the point is that many, many people have trouble learning CW well
> enough to pass the tests, and those that do are to be commended.

Then why are you not commending this man for doing just that?

He passed the General test on September 13, 1999.

> This
> difficulty, though, is not enough to call for a complete halt to, or a
> reduction of, the requirement to know the code for advancement.

That is your opinion.

I support his right to have a different opinion, even when I don't agree with it.

I also support his right to send a letter to QST voicing his opinion.

> Anyone who can pass the tests, whether at the 5 WPM level or the 20 WPM
> level, is to be congratulated...but to react as the writer did is
> ridiculous. Otherwise, we could all be surgeons without passing any of the
> boards.

I find the comparison between AMATEUR radio and professional surgery to be a bit silly. After all I don't know of any hobby surgeons.

OTOH If a certified surgeon were to tell me that the training and testing to become a surgeon needed to be reviewed and probably changed I would certainly listen to him/her.

While I support the CW requirement, I also know that we will get lots more people to use CW by making it fun than by beating them over the head with it.

Let me see, what was that other saying????

Oh yes,

"You catch more flies with honey than with vinegar."

Please remember that ham radio is a hobby and must be fun.

A good challenge is part of the fun but if people don't enjoy a hobby they don't stay.

michael N6CHV

Date: Wed, 17 Nov 1999 13:09:50 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [56206] 10 Meters open
Message-ID: <0.ceca005d.2564496e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Just bagged France and Italy in the first 5 minutes on the air. Lots of fun....

Aron
N10DL

Date: Wed, 17 Nov 1999 13:21:01 -0500 (EST)
From: lujce@Lehigh.EDU
To: PDouglas12@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [56207] Re: Please end inappropriate discussion
Message-ID: <199911171821.NAA462786@nss4.cc.lehigh.edu>
Content-Type: text

Yes, this discussion is not appropriate here. Take it elsewhere.
Further posts on this subject will be discarded.

73
Jim N3VXI

> Gents,
> This is in regard to the discussion which uses the word "Whining" in its
> subject line. I have purposely left it off the subject line above, as the
> word is inherently offensive, in my opinion.
> Please, while the educational part of learning CW may be of interest to some,
> the rest of this discussion belongs elsewhere, if not in the delete bin
> altogether. I don't usually speak up on these, but with Chuck absent, I have
> to ask you guys to cut it out. And the lack of mutual respect in the
> messages is plain wrong. If Chuck were here, I bet he'd be emailing you guys
> and warning you to cut it out. Please, don't add to the chain. Please find
> something else to do.
>
> 72,
>
> Preston Douglas WJ2V
> Long Island
>

Date: Wed, 17 Nov 1999 13:32:57 -0500 (EST)
From: Jim Cotton <cotton@wmich.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56208] Favorite PLL Chips...

Message-ID: <Pine.GS0.4.10.9911171313190.446-1000000@puma>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Moving back to QRP topics:

What are people's favorite PLL/frequency synthesizer chips?

Why do you recommend a given chip?

| | | |
|-----------------------------|--|-----------------------|
| Jim Cotton, N8QOH | | jim.cotton@wmich.edu |
| Western Michigan University | | Phone: (616) 387-6421 |
| Network Systems Group | | Fax: (616) 387-5473 |

Date: Wed, 17 Nov 1999 12:08:32 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Jim Cotton <cotton@wmich.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56209] Re: Favorite PLL Chips...
Message-ID: <Pine.BSI.3.96.991117115102.5079A-1000000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 17 Nov 1999, Jim Cotton wrote:

>
> Moving back to QRP topics:
>
> What are people's favorite PLL/frequency synthesizer chips?
>

Just about any of the National Semiconductor LMX series, for applications requiring tuning. The Motorola MC145XXX series has a few that are very convenient for fixed-frequency oscillators.

>
> Why do you recommend a given chip?
>

The National Semiconductor devices have lower reference spurs, the result of their having added an extra gate stage after the phase detector. They go well up into the microwave frequencies (>1GHz) without having to add an external prescaler. They're also easily programmed with just a 3-wire interface. They come surface-mount only. National has recently introduced some fractional-N PLL devices, but I have not had the

opportunity to use one yet.

Philips has some devices, including some fractional-N stuff, but I have no experience with their product line at all. I'd use National first as I'm quite pleased with their product line.

The Motorola pin-programmable devices (MC145106, MC145151, and MC145152) are convenient for fixed-frequency oscillators. The MC145106 is limited to 4MHz max, and should probably not be used above 2MHz. The MC145151 is single-modulus and can be used as-is up to 15MHz. The MC145152 is dual-modulus and requires an external dual-modulus divider. All three are available as either through-hole or surface mount.

Chris

```

      ,-----,
     /  What's all this  \
    / extinct stuff, anyhow? \
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High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Wed, 17 Nov 1999 11:01:51 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56210] Building the 12M Tree Quad
Message-ID: <19991117190151.3793.rocketmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The 24mHz band has been open recently and I made a few contacts. The antenna I'm using is only an inverted Vee dipole at 20'. Not too shabby really, as I made some DX contacts with mW's.

But the mind wonders if I could do any better if I hung up a "Tree Quad" in lower branches.

Got the string up as high as I could get them for reflector top branch, and driven element top branch. Next I measured and cut some old telephone house wire for each element. Tied one end to the string and both elements were soon hanging roughly in place.

Very roughly! Hi hi! I had the elements separated abt 5 or 6 ft. And the quad shapes were anything but four sided! More like distorted pizza quads! Hi hi !

Using a long stick with a nail, & strings I got the two elements pulled on each side. Doing this made a better delta shape. And got each element more or less "in line" with each other.

Took me some head scratchin this AM but I got both elements tuned up for 1.5 SWR. The top of the deltas are up around 15-16ft. And the lowest is 8 or 9ft off the ground.

I aimed to the NE for Euro DX in 12M. Now I can see how my inverted Vee at 20ft compares to the tree quad.

It will be fun to see how well it works off the back of this little beam to the SW.

There's a page at my website on "Tree Quads". Plus my half square, with inverted Vee's attached.

When I learn more abt this 12M tree quad, I'll post a follow up.

72/71's de Jim KJ5TF

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.95N 93.28W

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 17 Nov 1999 14:25:51 EST
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [56211] AR QRP 40m Net Tonight
Message-ID: <0.7444466d.25645b3f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z (7:30 CDT) at 7.042 MHz. Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call (or a letter!). When I copy you, I will return your call and AS (stand by) while more call in. When I have everyone's call, I will start at the top and go down the list for reports and comments. If you are building a rig or trying a new antenna, tell us about it! Everyone is interested in your power, so be certain to send that! However, try to keep it short, particularly if there are a lot of QNIs on the list. This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. Don't feel comfortable checking in? Just "copy the mail" and improve your CW skills! We welcome volunteer NCSs and new check-ins!

72,

Bob ab5zd@qsl.net

Date: Wed, 17 Nov 1999 14:39:33 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ctrask@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56212] Re: Favorite PLL Chips...
Message-ID: <010901bf3133\$e9332700\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just as an additional note...

The MC145152 with the dual modulus chip is extremely easy to work

with, having 16 bit input. It's used as the basis for the Ramsey FM kits, and go many 10's of mhz wide, although in the Ramsey a practical limit is usually 20MHz. (I haven't really played with mine to see how far I can reliably push it.)

You can directly drive the divider with a uC, or play games with EPROMS to drive it with the data outs.

Mike Yetsko
N1DVJ

----- Original Message -----
From: Chris Trask

> The Motorola pin-programmable devices (MC145106, MC145151, and
> MC145152) are convenient for fixed-frequency oscillators. The
MC145106
> is limited to 4MHz max, and should probably not be used above 2MHz.
The
> MC145151 is single-modulus and can be used as-is up to 15MHz. The
> MC145152 is dual-modulus and requires an external dual-modulus
divider.
> All three are available as either through-hole or surface mount.
>
> Chris
>

Date: Wed, 17 Nov 1999 12:51:56 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [56213] Solar update & Leonids
Message-ID: <Pine.SUN.4.10.9911171228440.25645-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

THE SUN/PROPAGATION.

Today's M7 flare was geoeffective, meaning the resulting coronal mass ejection (CME) will impact the earth, likely late on Friday. This will undoubtedly trigger at least a minor geomagnetic storm, and more likely a major to severe storm. This will cause band conditions on 20M and below to be pretty rocky over the weekend with extreme noise levels and bursty static crashes.

On the good side, it has elevated the solar flux, an extra dose of ionizing radiation, making the E and F layers very reflective. The MUF is currently 40MHz over much of North America. So 20 through 10M should be hopping. (I hear plenty of signals on 10M right now, but no time to QSO ... shucks!).

THE LEONIDS.

The Leonid Meteor shower is the result of the earth plowing through the debris field from the Swift-Tuttle comet. As a comet comes through our solar system and begins to be heated by our sun, it begins to shed lots of debris. This debris, mostly small chunks of ice, is illuminated by our sun, forming the "tail" of the comet. This tail of debris remains suspended in space for eons, and is replenished every time the comet makes a return trip. In the case of the Swift-Tuttle comet, it comes along every 33 years. However, the comet does not always cross the earth's path with the same exact trajectory ... it can be a bit ahead of the original path, or perhaps a bit above or below the plane of the earth's orbit. Furthermore, the earth itself does not circle the sun on the exact path year after year. Therefore, some years the earth will plow through the center of the comet's debris field for a spectacular meteor shower, and other years sorta of skim it, for an anemic display. And predicting when a good year or bad year will occur is nearly impossible, since these pieces of debris are smaller than what can be detected by instruments. In other words, we don't know exactly where the core of the debris field is located.

Of the various methods used to estimate when we will plow through the thickest part of the debris field, most indicated that last year and/or this year will be the highest probability.

For this Leonids, it is ESTIMATED the peak activity will occur on November 18 between 0200-0400 UTC. Since the best display is where the earth goes through the debris between midnight and local sunrise, this indicated the best displays will be along Europe and Africa. But, this is not exact science, as we could encounter the debris field earlier or later than expected, and where we go through it could be narrower or wider than expected.

Since last night was a dud, means we haven't gone through the debris field yet. So it *will* be sometime tonight. If we hit it when predicted (02-04Z), then that will be early evening on the east coast of the US, a shortly after sundown farther to the west. If it persists for 6-8 hours, then it *could* produce a nice meteor shower for much of the evening.

So the moral of the story is this evening is the ideal time to look for enhanced meteor activity. It could be a few extra meteorites over normal, or perhaps a period of tremendous activity. So you'll have to take your

chances, as usual with these sorts of things, as to whether or not there will be a spectacular display. Many people are predicting a very heavy meteor shower this evening, but they did last year as well :-)

If you have the means to observe the skies tonight from a fairly dark location, it might be worth it. But please don't pack up the kids and drive 50 miles into the country because I say so. You must take your chances like the rest of us.

But ... this year *does* coincide with the 33-year cycle of above normal meteor counts ... statistically at least.

If nothing else, listen to a distant FM station and see if you notice the signal strength suddenly improving for 10-20 seconds now and again. If so, meteorites are entering and causing brief periods of ionizations (meteor scatter propagation ... and effect around 50MHz and above).

72, Paul NA5N

Date: Wed, 17 Nov 1999 14:07:09 -0500
From: "sergio" <sruiz@bright.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56214] testing..
Message-ID: <020601bf312e\$f47e7c90\$0800a8c0@ppinet>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

test..

peace,
sergio
<http://www.bright.net/~sruiz> <-- The Village Buzz
"quoting other people is really lame and unoriginal" ...sergio

Date: Wed, 17 Nov 1999 12:12:59 -0800
From: neil <neil@aade.com>
To: cotton@wmich.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [56215] Re: Favorite PLL Chips...
Message-ID: <38330C4B.E965658A@aaade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mine is MC145170 because it has a built in VHF prescaler good to at least 2 meters and is easy to program from any micro. I imagine you can get a data sheet off Motorola web site.

--

Neil
<http://www.aade.com>
<mailto:neil@aaade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Wed, 17 Nov 1999 15:23:29 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56216] Re: help: Argosy II
Message-ID: <Pine.LNX.4.20.9911171514120.430-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well,

The MPS6514 on the mode switch didn't pass the continuity test. I compared it to other NPN and it didn't do the same things. I pulled the MPS6514 and it registered a hfe of 1525?%*&?. I replaced it with a plastic 2n2222 as suggested by the ten tec service reps and all is fine.(I didn't want to blow up the 2n2222...not that they are expensive or anything. It is just a pain to get at.

Now to put the thing back together and not have too many screws left over. On a related note....

Does anyone have a supply or source of tiny set screws? Why is it that they get stripped so easily when the allen wrench is the wrong size :-((

Hope this helps others . The argosy is a sweet rig, very serviceable.

PS thanks to John w2iv for the schematic.

73,

Jim n2go

On Tue, 16 Nov 1999, James Skalski wrote:

> I started to trouble shoot my Argosy II.
> Symptoms ...abrupt loss of receive. Transmits fine but no receive.
>
> My first thought was that the audio chip was bad as there was no
> audio. But when I put the unit in tune mode the sidetone worked.
>
> I checked the control board and found all the transistor voltages were
> stuck on the "transmit" values.
>
> Next I unplugged the TR line from the control board...the units now
> receives fine.
>
> What is the most likely culprit? The mode switch or the transistor switch
> or diodes located on the mode switch board?
>
> My guess is the transistor. It is a MPS 6514 (which I don't think I have)
> Would a 2n3904 suffice or maybe a 2n2222?
>
> Anybody been there/done that?
>
> 73,
>
> Jim n2go
>

Date: Wed, 17 Nov 1999 15:44:08 -0500
From: tbowman@nbn.net
To: <qrp-1@lehigh.edu>
Subject: [56217] Series or parallel tank circuits
Message-ID: <0052109442011b9NBN1@nbn1.nbn.net>

This is should be an Elmer 101 question so shame on me for not taking the course.

I'm looking at several VFO circuits in preparation for moving a xcvr from 40 m to 30 m.

One tank circuit shows an inductor in series with a capacitor.

A second VFO has the capacitor in parallel with the inductor for the tank

circuit.

Both VFOs operate on 7 MHz.

Do they both work equally well?

Why does one use parallel, the other a series resonant circuit?

Based on series or parallel tank circuits alone, which is more stable?

73,

Tom, WA3REY

Date: Wed, 17 Nov 1999 13:12:45 -0800
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Cc: EleCraft mail list <elecraft@qth.net>
Subject: [56218] OT: Elecraft help wanted
Message-ID: <38331A4D.78B957AA@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

We're growing some more at Elecraft, thanks to the enthusiasm of the members on this list. We are looking for some more help in our repair/support group and in office admin. See http://www.elecraft.com/elecraft_help_wanted.htm for details.

Thanks for your support!

73, Eric WA6HHQ
<http://www.elecraft.com>

(This commercial posting has been cleared with the QRP-L powers that be..)

Date: Wed, 17 Nov 1999 16:14:34 EST
From: "Jim Lewis" <jtlewis55@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [56219] Looking for Tokyo H-P HT-750

Message-ID: <19991117211435.36254.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I am looking for a Tokyo H-P HT-750, either used, or if someone knows of a source, new.

Thanks
Jim Lewis
KF3CO

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 17 Nov 1999 16:33:05 -0500 (EST)
From: igeq100@iupui.edu
To: James Skalski <jskalski@localnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56220] Re: help: Argosy II
Message-ID: <Pine.HPP.3.96.991117163203.17312A-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim -
For a source of tiny screws, etc., try <http://www.smallparts.com>

73,
Richard Meiss, WB9LPU
Speedway, IN

On Wed, 17 Nov 1999, James Skalski wrote:

> Well,
> The MPS6514 on the mode switch didn't pass the continuity test. I compared
> it to other NPN and it didn't do the same things. I pulled the MPS6514 and
> it registered a hfe of 1525?%*&?. I replaced it with a plastic 2n2222 as
> suggested by the ten tec service reps and all is fine.(I didn't want to
> blow up the 2n2222...not that they are expensive or anything. It is just a
> pain to get at.
> Now to put the thing back together and not have too many screws left
> over. On a related note....
> Does anyone have a supply or source of tiny set screws? Why is it that
> they get stripped so easily when the allen wrench is the wrong size :-((
>

> Hope this helps others . The argosy is a sweet rig, very serviceable.
>
> PS thanks to John w2iv for the schematic.
>
> 73,
>
> Jim n2go
>
> On Tue, 16 Nov 1999, James Skalski wrote:
>
> > I started to trouble shoot my Argosy II.
> > Symptoms ...abrupt loss of receive. Transmits fine but no receive.
> >
> > My first thought was that the audio chip was bad as there was no
> > audio. But when I put the unit in tune mode the sidetone worked.
> >
> > I checked the control board and found all the transistor voltages were
> > stuck on the "transmit" values.
> >
> > Next I unplugged the TR line from the control board...the units now
> > receives fine.
> >
> > What is the most likely culprit? The mode switch or the transistor switch
> > or diodes located on the mode switch board?
> >
> > My guess is the transistor. It is a MPS 6514 (which I don't think I have)
> > Would a 2n3904 suffice or maybe a 2n2222?
> >
> > Anybody been there/done that?
> >
> > 73,
> >
> > Jim n2go
> >
>

Date: Wed, 17 Nov 1999 16:40:51 -0500
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56221] i'm back!
Message-ID: <383320E3.A4670AB1@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

for some time, i have not been able to post, but Jim (N3VXI) helped me out.. so i think i am back in business..

for a quick update..

i have five packs of laminate ready to out the door.. for the first five people who drop me a line and claim them..

i dunno if i posted this earlier, but i moved.. and this weekend, i got some wire up in the air.. so i am back up and running on 40m.... i am going to try to check in on the ar net tonight.. if anyone hears me calling cq, please drop me a call..

i am going to start getting packs of laminate ready to go, and then letting members claim them as we go, to keep from getting behind.. so i will post when i get another lot sheared..

thanks!

--

--

peace,

sergio

<http://www.bright.net/~sruiz> <-- The Village Buzz

"quoting other people is really lame and unoriginal" ...sergio

End of QRP-L Digest 1642
